

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-6P493H*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	49120 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B (T1°C/T2°C)	3948 K	B+TOLERANCE (K)	118.44	B-TOLERANCE (K)	118.44

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	1.659E+04	1.763E+04	1.873E+04
51	1.595E+04	1.698E+04	1.805E+04
52	1.534E+04	1.635E+04	1.740E+04
53	1.476E+04	1.574E+04	1.678E+04
54	1.420E+04	1.517E+04	1.618E+04
55	1.367E+04	1.461E+04	1.561E+04
56	1.316E+04	1.408E+04	1.506E+04
57	1.267E+04	1.358E+04	1.453E+04
58	1.220E+04	1.309E+04	1.403E+04
59	1.175E+04	1.262E+04	1.354E+04
60	1.133E+04	1.217E+04	1.307E+04
61	1.091E+04	1.174E+04	1.263E+04
62	1.052E+04	1.133E+04	1.219E+04
63	1.014E+04	1.094E+04	1.178E+04
64	9.780E+03	1.056E+04	1.138E+04
65	9.432E+03	1.019E+04	1.100E+04
66	9.098E+03	9.841E+03	1.064E+04
67	8.778E+03	9.505E+03	1.028E+04
68	8.471E+03	9.182E+03	9.943E+03
69	8.176E+03	8.871E+03	9.616E+03
70	7.893E+03	8.572E+03	9.302E+03
71	7.621E+03	8.285E+03	8.999E+03
72	7.360E+03	8.009E+03	8.708E+03
73	7.109E+03	7.744E+03	8.428E+03
74	6.868E+03	7.489E+03	8.158E+03
75	6.636E+03	7.243E+03	7.898E+03
76	6.413E+03	7.007E+03	7.648E+03
77	6.199E+03	6.779E+03	7.407E+03
78	5.993E+03	6.560E+03	7.174E+03
79	5.795E+03	6.349E+03	6.950E+03
80	5.604E+03	6.146E+03	6.734E+03
81	5.420E+03	5.950E+03	6.526E+03
82	5.244E+03	5.762E+03	6.326E+03
83	5.074E+03	5.580E+03	6.132E+03
84	4.910E+03	5.405E+03	5.945E+03
85	4.753E+03	5.237E+03	5.765E+03
86	4.601E+03	5.074E+03	5.591E+03
87	4.455E+03	4.917E+03	5.423E+03
88	4.314E+03	4.766E+03	5.261E+03
89	4.178E+03	4.620E+03	5.105E+03
90	4.047E+03	4.480E+03	4.954E+03
91	3.921E+03	4.344E+03	4.808E+03
92	3.799E+03	4.213E+03	4.667E+03
93	3.682E+03	4.086E+03	4.531E+03
94	3.569E+03	3.964E+03	4.400E+03
95	3.460E+03	3.846E+03	4.273E+03
96	3.354E+03	3.733E+03	4.150E+03
97	3.253E+03	3.623E+03	4.031E+03
98	3.155E+03	3.517E+03	3.916E+03
99	3.060E+03	3.414E+03	3.805E+03
100	2.969E+03	3.315E+03	3.698E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	2.969E+03	3.315E+03	3.698E+03
101	2.880E+03	3.219E+03	3.594E+03
102	2.795E+03	3.126E+03	3.494E+03
103	2.713E+03	3.037E+03	3.397E+03
104	2.633E+03	2.950E+03	3.303E+03
105	2.557E+03	2.867E+03	3.212E+03
106	2.482E+03	2.786E+03	3.124E+03
107	2.411E+03	2.707E+03	3.038E+03
108	2.341E+03	2.632E+03	2.956E+03
109	2.274E+03	2.558E+03	2.876E+03
110	2.209E+03	2.488E+03	2.798E+03
111	2.147E+03	2.419E+03	2.723E+03
112	2.086E+03	2.352E+03	2.650E+03
113	2.027E+03	2.288E+03	2.580E+03
114	1.971E+03	2.226E+03	2.512E+03
115	1.916E+03	2.165E+03	2.446E+03
116	1.862E+03	2.107E+03	2.381E+03
117	1.811E+03	2.050E+03	2.319E+03
118	1.761E+03	1.996E+03	2.259E+03
119	1.713E+03	1.942E+03	2.201E+03
120	1.666E+03	1.891E+03	2.144E+03
121	1.621E+03	1.841E+03	2.089E+03
122	1.577E+03	1.793E+03	2.035E+03
123	1.535E+03	1.746E+03	1.984E+03
124	1.494E+03	1.700E+03	1.933E+03
125	1.454E+03	1.656E+03	1.885E+03
126	1.415E+03	1.613E+03	1.837E+03
127	1.378E+03	1.572E+03	1.791E+03
128	1.342E+03	1.532E+03	1.747E+03
129	1.306E+03	1.492E+03	1.704E+03
130	1.272E+03	1.455E+03	1.662E+03
131	1.239E+03	1.418E+03	1.621E+03
132	1.207E+03	1.382E+03	1.581E+03
133	1.176E+03	1.347E+03	1.542E+03
134	1.146E+03	1.314E+03	1.505E+03
135	1.116E+03	1.281E+03	1.469E+03
136	1.088E+03	1.249E+03	1.433E+03
137	1.060E+03	1.219E+03	1.399E+03
138	1.034E+03	1.189E+03	1.366E+03
139	1.008E+03	1.160E+03	1.333E+03
140	9.826E+02	1.131E+03	1.302E+03
141	9.582E+02	1.104E+03	1.271E+03
142	9.345E+02	1.078E+03	1.241E+03
143	9.115E+02	1.052E+03	1.212E+03
144	8.892E+02	1.027E+03	1.184E+03
145	8.675E+02	1.002E+03	1.157E+03
146	8.464E+02	9.786E+02	1.130E+03
147	8.259E+02	9.555E+02	1.105E+03
148	8.060E+02	9.331E+02	1.079E+03
149	7.866E+02	9.113E+02	1.055E+03
150	7.678E+02	8.901E+02	1.031E+03

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T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
150	7.678E+02	8.901E+02	1.031E+03
151	7.495E+02	8.694E+02	1.008E+03
152	7.316E+02	8.493E+02	9.850E+02
153	7.143E+02	8.298E+02	9.630E+02
154	6.975E+02	8.107E+02	9.415E+02
155	6.812E+02	7.923E+02	9.206E+02
156	6.653E+02	7.743E+02	9.003E+02
157	6.498E+02	7.568E+02	8.805E+02
158	6.348E+02	7.397E+02	8.612E+02
159	6.202E+02	7.231E+02	8.425E+02
160	6.059E+02	7.070E+02	8.242E+02
161	5.921E+02	6.913E+02	8.064E+02
162	5.787E+02	6.760E+02	7.891E+02
163	5.656E+02	6.611E+02	7.722E+02
164	5.528E+02	6.466E+02	7.557E+02
165	5.404E+02	6.325E+02	7.397E+02
166	5.284E+02	6.188E+02	7.241E+02
167	5.166E+02	6.054E+02	7.088E+02
168	5.052E+02	5.924E+02	6.940E+02
169	4.941E+02	5.797E+02	6.795E+02
170	4.832E+02	5.673E+02	6.654E+02
171	4.727E+02	5.553E+02	6.517E+02
172	4.624E+02	5.435E+02	6.383E+02
173	4.524E+02	5.321E+02	6.252E+02
174	4.426E+02	5.209E+02	6.125E+02
175	4.331E+02	5.100E+02	6.001E+02
176	4.239E+02	4.994E+02	5.879E+02
177	4.149E+02	4.891E+02	5.761E+02
178	4.061E+02	4.790E+02	5.646E+02
179	3.975E+02	4.692E+02	5.533E+02
180	3.892E+02	4.596E+02	5.423E+02
181	3.811E+02	4.503E+02	5.317E+02
182	3.732E+02	4.412E+02	5.212E+02
183	3.655E+02	4.324E+02	5.110E+02
184	3.580E+02	4.237E+02	5.011E+02
185	3.506E+02	4.152E+02	4.914E+02
186	3.434E+02	4.070E+02	4.819E+02
187	3.365E+02	3.989E+02	4.726E+02
188	3.296E+02	3.911E+02	4.635E+02
189	3.230E+02	3.834E+02	4.547E+02
190	3.165E+02	3.759E+02	4.460E+02
191	3.101E+02	3.685E+02	4.375E+02
192	3.039E+02	3.614E+02	4.293E+02
193	2.979E+02	3.544E+02	4.212E+02
194	2.920E+02	3.475E+02	4.133E+02
195	2.862E+02	3.408E+02	4.055E+02
196	2.806E+02	3.343E+02	3.980E+02
197	2.751E+02	3.280E+02	3.906E+02
198	2.697E+02	3.217E+02	3.834E+02
199	2.645E+02	3.157E+02	3.764E+02
200	2.594E+02	3.097E+02	3.695E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
200	2.594E+02	3.097E+02	3.695E+02
201	2.544E+02	3.040E+02	3.628E+02
202	2.496E+02	2.983E+02	3.563E+02
203	2.448E+02	2.928E+02	3.499E+02
204	2.402E+02	2.874E+02	3.436E+02
205	2.356E+02	2.821E+02	3.375E+02
206	2.312E+02	2.770E+02	3.314E+02
207	2.269E+02	2.719E+02	3.256E+02
208	2.226E+02	2.670E+02	3.198E+02
209	2.185E+02	2.621E+02	3.142E+02
210	2.145E+02	2.574E+02	3.087E+02
211	2.105E+02	2.528E+02	3.033E+02
212	2.066E+02	2.483E+02	2.980E+02
213	2.028E+02	2.438E+02	2.929E+02
214	1.991E+02	2.395E+02	2.878E+02
215	1.955E+02	2.353E+02	2.828E+02
216	1.920E+02	2.311E+02	2.780E+02
217	1.885E+02	2.271E+02	2.732E+02
218	1.851E+02	2.231E+02	2.686E+02
219	1.818E+02	2.192E+02	2.640E+02
220	1.786E+02	2.154E+02	2.596E+02
221	1.754E+02	2.116E+02	2.552E+02
222	1.722E+02	2.080E+02	2.509E+02
223	1.692E+02	2.044E+02	2.467E+02
224	1.662E+02	2.009E+02	2.426E+02
225	1.633E+02	1.975E+02	2.386E+02
226	1.604E+02	1.941E+02	2.346E+02
227	1.577E+02	1.908E+02	2.308E+02
228	1.549E+02	1.876E+02	2.270E+02
229	1.523E+02	1.845E+02	2.233E+02
230	1.496E+02	1.814E+02	2.196E+02
231	1.471E+02	1.784E+02	2.161E+02
232	1.446E+02	1.754E+02	2.126E+02
233	1.422E+02	1.725E+02	2.092E+02
234	1.398E+02	1.697E+02	2.059E+02
235	1.374E+02	1.669E+02	2.026E+02
236	1.351E+02	1.642E+02	1.994E+02
237	1.329E+02	1.616E+02	1.963E+02
238	1.307E+02	1.590E+02	1.932E+02
239	1.285E+02	1.564E+02	1.902E+02
240	1.264E+02	1.539E+02	1.872E+02
241	1.243E+02	1.514E+02	1.843E+02
242	1.223E+02	1.490E+02	1.814E+02
243	1.203E+02	1.466E+02	1.786E+02
244	1.183E+02	1.443E+02	1.759E+02
245	1.164E+02	1.421E+02	1.732E+02
246	1.145E+02	1.398E+02	1.706E+02
247	1.127E+02	1.376E+02	1.680E+02
248	1.109E+02	1.355E+02	1.654E+02
249	1.091E+02	1.334E+02	1.629E+02
250	1.074E+02	1.313E+02	1.605E+02

